

10/60/40  
U.S. PTO  
1050

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	1488.1220003/EKS/EJH
First Inventor	Li et al.
Title	Human G-Protein Coupled Receptors
Express Mail Label No.	

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 53]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Pages 1]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  
(when there is an assignee)  Power of Attorney and one Associate Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Two (2) Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: Authorization under 37 C.F.R. § 1.136(a)(3)  
 Other: The name of the assignee is: Human Genome Sciences, Inc.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-Part (CIP)  
Prior application information: Examiner To be assigned

of prior application No: 09/518,383  
Group/Art Unit: 1643

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

Customer No. 28730

(Insert Customer No. 28730 above bar code label here)

or  Correspondence address below

NAME

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. PATENT / TRADEMARK OFFICE

Attorneys at Law

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

FAX

NAME (Print/Type)

Elizabeth J. Haanes, Ph.D.

Registration No. (Attorney/Agent)

42,613

SIGNATURE

Date April 9, 2001

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SKGF Rev 3/29/01 inac

ContAppl\_SB05\_form

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$1,598.00)	Attorney Docket No.	1488.1220003/EKS/EJH
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## Complete if Known

Application Number	To be assigned Cont. of 09/518,383
Filing Date	Herewith
First Named Inventor	Yi Li
Examiner Name	To be assigned
Group Art Unit	To be assigned

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																													
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number 19-0036</p> <p>Deposit Account Name Sterne, Kessler, Goldstein &amp; Fox P L.L.C.</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - 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late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for ex parte reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	390	216	195	Extension for reply within second month	117	890	217	445	Extension for reply within third month	118	1,390	218	695	Extension for reply within fourth month	128	1,890	228	945	Extension for reply within fifth month	119	310	219	155	Notice of Appeal	120	310	220	155	Filing a brief in support of an appeal	121	270	221	135	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,240	241	620	Petition to revive - unintentional	142	1,240	242	620	Utility issue fee (or reissue)	143	440	243	220	Design issue fee	144	600	244	300	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	130	123	130	Petitions related to provisional applications	126	180	126	180	Submission of Information Disclosure Stmt	581	40	481	40	Recording each patent assignment per property (times number of properties)	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	179	710	279	355	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application	Other fee (specify):				Other fee (specify):			
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Name (Print/Type)				Elizabeth J. Haanes, Ph.D.	Registration No. (Attorney/Agent)	42,613	Telephone	202-371-2600																																																																																																																																																									
Signature				Date				April 9, 2001																																																																																																																																																									

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1056 U.S. PTO  
04/60/01

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N W • WASHINGTON, D C 20005-3934

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1056 U.S. PTO  
04/09/01

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NANCY J. LEITH\*\*  
ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*

\*BAR OTHER THAN D C  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

April 9, 2001

WRITER'S DIRECT NUMBER:

(202) 218-7834

INTERNET ADDRESS:

BHAANES@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

*Box Patent Application*

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)  
(Continuation of Appl. No. 09/518,383; Filed: March 3, 2000)

Appl. No. To be assigned; Filed: Herewith

For: **Human G-Protein Coupled Receptors**

Inventors: Li *et al.*

Our Ref: 1488.1220003/EKS/EJH

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
3. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
4. Application Data Sheet Under 37 C.F.R. § 1.176;
5. U.S. Utility Patent Application entitled:

**HUMAN G-PROTEIN COUPLED RECEPTORS**

Commissioner for Patents  
April 9, 2001  
Page 2

and naming as inventors:

Yi LI  
Steven M. RUBEN

the application consisting of:

- a. A specification containing:
  - i. 49 pages of description prior to the claims;
  - ii. 3 pages of claims (22 claims);
  - iii. a one (1) page abstract;
- b. 7 sheets of drawings (Figures:1A, 1B, 1C, 2, 3A, 3B, and 4);
- c. 17 pages of a paper copy of a sequence listing;
- d. A copy of the executed Declaration and Power of Attorney, as originally filed in U.S. Appl. No. 08/852,824;
- e. A copy of an assignment to Human Genome Sciences, Inc., as recorded at reel: 8968; frame: 0688;
6. A Preliminary Amendment;
7. A computer readable copy of the sequence listing;
8. A copy of the Associate Power of Attorney filed on June 3, 1999 in the U.S. Appl. No. 08/852,824 , along with the U.S. Patent and Trademark stamped returned postcard;
9. Two (2) return postcards; and
10. Our check No. **30906** for \$1,598.00 cover:  
    \$ 710.00 Filing fee for patent application;  
    \$ 888.00 Fee for excess claims.

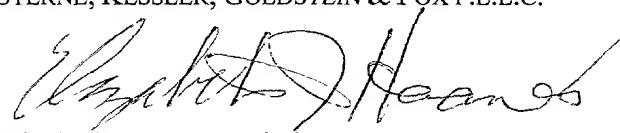
In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Commissioner for Patents  
April 9, 2001  
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Elizabeth J. Haanes, Ph.D.  
Agent for Applicants  
Registration No. 42,613

EJH/pcd  
Encls.

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